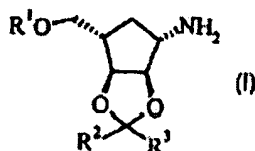


APPENDIX

ABSTRACT OF THE DISCLOSURE

A method for the production of acetals and ketals of 3-amino-5-(hydroxymethyl)cyclopentane-1,2-diols of formula (I):



(and/or the enantiomer), where R¹ is H, C₁₋₆-alkyl, C₃₋₈-cycloalkyl or benzyl and (i) R² is methyl and R³ is ethyl, (ii) R² is H and R³ is C₁₋₆-alkyl or phenyl or (iii) R² and R³ together form a group of formula -(CH₂)_n- with n = 4 to 6, present as free amines or as salts of di- or tri-basic organic acids, starting from 2-acetyl-2-azabicyclo[2.2.1]hept-5-en-3-one of formula (II):



(and/or the enantiomer). The method is equally useful, depending on the starting material, for the production of enantiomerically-pure compounds, or mixtures with arbitrary enantiomeric content.